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PAID UP OIL AND GAS LEASE

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THIS LEASE AGREEMENT is made as of the 1/20, 2010, by and between FERRELLGAS, L.P., a Delaware limited partnership, having a mailing address of One Liberty Plaza, MD #3, Liberty, Missouri, 64068, as Lessor(s), and CARRIZO OIL & GAS, INC., 1000 Louisiana, Suite 1500, Houston, Texas 77002, as Lessee. All printed portions of this lease were prepared by the party hereinabove named as Lessee, but all other provisions including the completion of blank spaces, were prepared jointly by Lessor and Lessee.

1. Description. In consideration of a cash bonus in hand paid and the covenants herein contained, Lessor hereby grants, leases and lets exclusively to Lessee the following described land, hereinafter called leased premises.

2.97 acres of land, more or less, being tract 1A03, a part of the E.C. Cannon Survey, A-378, Tarrant County, Texas, according to the plat recorded Volume 388-A, of the Plat Records, Tarrant County, Texas, as described in SWD, dated 1/9/2004, D204222777, from Suburban Propane, L.P. to Ferreligas, L.P., a Delaware limited partnership, of the Deed Records, Tarrant County, Texas.

In the County of Tarrant, State of Texas, containing <u>2.9700</u> acres, more or less, (including any interests therein which Lessor may hereafter acquire by reversion, prescription or otherwise), for the purpose of exploring for, developing, producing and marketing oil and gas along with all hydrocarbon and non-hydrocarbon substances produced in association herewith. The term "gas" as used herein includes helium, carbon dioxide, gaseous sulfur compounds, coal bed methane and other commercial gases, as well a normal hydrocarbon gases. In addition to the above-described land, this lease and the term "leased premises" also covers accretions and any small strips or parcels of land now owned by Lessor which are contiguous or adjacent to the above-described land, and, in consideration of the aforementioned cash bonus, Lessor agrees to execute at Lessee's request any additional or supplemental instruments for a more complete or accurate description of the land so covered. For the purpose of determining the amount of any payments based on acreage hereunder, the number of gross acres above specified shall be deemed correct, whether actually more or less.

- 2. Term of Lease. This lease, which is a "paid-up" lease requiring no rentals, shall be in force for a primary term of five (5) years from the date hereof, and for as long thereafter as oil or gas or other substances covered hereby are produced in paying quantities from the leased premises or from lands pooled therewith or this lease is otherwise maintained in effect pursuant to the provisions hereof.
- 3. Royalty Payment. Royalties on oil, gas and other substances produced and saved hereunder shall be paid by Lessee to Lessor as follows: (a) For oil and other liquid hydrocarbons separated at Lessee's separator facilities, the royalty shall be One-Eighth (1/8th) of such production, to be delivered at Lessee's option to Lessor at the wellhead or to Lessor's credit at the oil purchaser's transportation facilities, provided that Lessee shall have the continuing right to sell such production to itself or an affiliate at the wellhead market price then prevailing in the same field (or if there is no such price then prevailing in the same field, then in the nearest field in which there is such a prevailing price) for production of similar grade and gravity; (b) for gas (including casinghead gas) and all other substances covered hereby, the royalty shall be One-Eighth (1/8th) of the proceeds realized by Lessee from the sale thereof, provided that Lessee shall have the continuing right to sell such production to itself or an affiliate at the prevailing wellhead market price for production of similar quality in the same field (or if there is no such price then prevailing in the same field, then in the nearest field in which there is such a prevailing price) pursuant to comparable purchase arrangements entered into on the same or nearest preceding date as the date on which Lessee or its affiliate commences its purchases hereunder: and (c) in calculating royalties on production hereunder, Lessee may deduct Lessor's proportionate part of any ad valorem, production and excise taxes and any costs incurred by Lessee in treating, processing, delivering and otherwise marketing such production. If at the end of the primary term or any time thereafter one or more wells on the leased premises or lands pooled therewith are capable of producing oil or gas or other substances covered hereby in paying quantities, and all such wells are either shut in or production therefrom is not being sold by Lessee, then Lessee shall pay an aggrega
- 4. Shut-in Payment. All shut-in royalty payments under this lease shall be paid or tendered directly to Lessor at the above address, or its successors, regardless of changes in the ownership of said land. All payments or tenders may be made in currency, or by check or by draft and such payments or tenders to Lessor by deposit in the U.S. Mails in a stamped envelope addressed to the Lessor at the last address known to Lessee shall constitute proper payment.
- 5. Operations. If Lessee drills a well which is incapable of producing in paying quantities (hereinafter called "dry hole") on the leased premises or lands pooled therewith, or if all production (whether or not in paying quantities) permanently ceases from any cause, including a revision of unit boundaries pursuant to the provisions of Paragraph 6 or the action of any governmental authority, then in the event this lease is not otherwise being maintained in force it shall nevertheless remain in force if Lessee commences operations for reworking an existing well or for drilling an additional well or for otherwise obtaining or restoring production on the leased premises or lands pooled therewith within 90 days after completion of operations on such dry hole or within 90 days after such cessation of all production. If at the end of the primary term, or at any time thereafter, this lease is not otherwise being maintained in force but Lessee is then engaged in drilling, reworking or any other operations reasonably calculated to obtain or restore production therefrom, this lease shall remain in force so long as any one or more of such operations are prosecuted with no interruption of more than 90 consecutive days, and if any such operations result in the production of oil or gas or other substances covered hereby, as long thereafter as there is production in paying quantities from the leased premises or lands pooled therewith as a reasonably prudent operator would drill under the same or similar circumstances to (a) develop the leased premises as to reservoirs then capable of producing in paying quantities on the leased premises or land pooled therewith, or (b) protect the leased premises from uncompensated drainage by any well or wells located on other lands not pooled therewith. There shall be no covenant to drill exploratory wells or any additional wells except as expressly provided herein.
- 6. Pooling. Lessee shall have the right, but not the obligation, to pool all or any part of the leased premises or interest therein with any other lands or interests, as to any or all depths or zones, and as to any or all substances covered by this lease, either before or after the commencement of drilling or production whenever Lessee deems it necessary or proper to do so in order to prudently develop or operate the leased premises, whether or not similar pooling authority exists with respect to such other lands or interests. The creation of a unit by such pooling shall be based

WSH: 026-0000-001

on the following criteria (hereinafter called "pooling criteria"): A unit for an oil well (other than a horizontal) shall not exceed 40 acres plus a maximum acreage tolerance of 10%, and for a gas well or a horizontal completion shall not exceed 640 acres plus a maximum acreage tolerance of 10%; provided that a larger unit may be formed for an oil well or gas well or horizontal completion to conform to any well spacing or density pattern that may be prescribed or permitted by any governmental authority having jurisdiction to do so. For the purposes of the forgoing, the terms "oil well" mad "gas well" shall have the meanings prescribed by applicable law or the appropriate governmental authority, or if no definition is so prescribed, "oil well" means a well with an initial gas-oil ratio of 100,000 cubic feet or more per barrel, based on a 24-hour production test conducted under normal producing conditions using standard lease separator facilities or equivalent testing equipment; and the term "horizontal completion" means an oil or gas well in which the horizontal component of the gross completion interval in the reservoir exceeds the vertical component thereof. In exercising its pooling rights hereunder, Lessee shall file of record a written declaration describing the unit and stating the effective date of pooling. Production, drilling or reworking operations anywhere on a unit which includes all or any part of the leased premises shall be treated as if it were production, drilling or reworking operations anywhere on a unit which includes all or any part of the leased premises shall be treated as if it were production, drilling or reworking operations on the leased premises, except that the production on which Lessors royalty is calculated shall be that proportion of the total unit production which the net acreage covered by this lease and included in the unit bears to the total gross acreage in the unit, but only to the extent such proportion of unit production is sold by Lessee. In the event a unit is formed he

- 7. Payment Reductions. If Lessor owns less than the full mineral estate in all or any part of the leased premises, the royalties, and shut-in royalties payable hereunder for any well on any part of the leased premises or land pooled therewith shall be reduced to the proportion that Lessor's interest in such part of the leased premises bears to the full mineral estate in such part of the leased premises. To the extent any royalty or other payment attributable to the mineral estate covered by the lease is payable to someone other than Lessor, such royalty or other payment shall be deducted from the corresponding amount otherwise payable to Lessor hereunder.
- 8. Ownership Changes. The interest of either Lessor or Lessee may be assigned, devised or otherwise transferred in whole or in part by area and/or by depth or zone, and the rights and obligations of the parties hereunder shall extend to their respective heirs, devisees, executors, administrators, successors and assigns. No change in Lessor's ownership shall have the effect of reducing the rights or enlarging the obligations of Lessee hereunder, and no change in ownership shall be binding on Lessee until sixty days after Lessee has been furnished the original or duly authenticated copies of the documents establishing such change of ownership to the reasonable satisfaction of Lessee or until Lessor has satisfied the notification requirements contained in Lessee's usual form of division order. In the event of the death of any person entitled to shut-in royalties hereunder, Lessee may pay or tender such shut-in royalties to the credit of decedent or decedent's estate at the address designated above. If at any time two or more persons are entitled to shut-in royalties hereunder, Lessee may pay or tender such shut-in royalties to such persons, either jointly, or separately in proportion to the interests which each owns. If Lessee transfers its interest hereunder in whole or in part, Lessee shall be relieved of all obligations hereafter existing with respect to the transferred interests, and failure of the transferred to satisfy such obligations with respect to the transferred interests, shall not effect the rights of Lessee with respect to any interests not so transferred. If Lessee transfers a full or undivided interest in all or any portion of the area covered by this lease, the obligation to pay or tender shut-in royalties hereunder shall be divided between Lessee and the transferee in proportion to the net acreage interest in this lease then held by each.

9. Release of Lease-N/A

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- 10. Ancillary Rights. In exploring for developing, producing and marketing all oil, gas and other substances covered hereby on the leased premises or lands pooled or unitized therewith, in primary and/or enhanced recovery, Lessee shall have the right of ingress and egress along with the right to conduct such operations on the leased premises as may be reasonably necessary for such purposes, including but not limited to geophysical operations, the drilling of wells, and the construction and use of roads, canals, pipelines, tanks, water wells, disposal wells, injection wells, pits, electric and telephone lines, power stations, and other facilities deemed necessary by Lessee to discover, produce, store, treat and/or transport production. Lessee may use in such operations, free of cost, any oil, gas, water and/or other substances produced on the leased premises, except water from Lessor's well or ponds, in exploring, developing, producing or marketing from the leased premises or lands pooled or unitized therewith, the ancillary rights granted herein shall apply (a) to the entire leased premises described in Paragraph 1 above, notwithstanding any partial releases or other partial termination of this lease, and (b) to any other lands in which Lessor now or hereafter has authority to grant such rights in the vicinity of the leased premises or lands pooled therewith. When requested by Lessor in writing, Lessee shall bury its pipelines below ordinary plow depth on cultivated lands. No well shall be located less than 200 feet from any house or barn now on the leased premises or other lands of Lessor used by Lessee hereunder, without Lessor's consent, and Lessee shall pay for damage caused by its operations to buildings and other improvements now on the leased premises or such other lands, and to commercial timber and growing crops thereon. Lessee shall have the right at any time to remove its fixtures, equipment and materials, including well casing, from the leased premises or such other lands during the term of this lea
- 11. Regulation and Delay. Lessee's obligations under this lease, whether express or implied, shall be subject to all applicable laws, rules, regulations and orders of any governmental authority having jurisdiction, including restrictions on the drilling and production of wells, and regulation of the price or transportation of oil, gas and other substances covered hereby. When drilling, reworking, production or other operations are prevented or delayed by such laws, rules, regulations or orders, or by inability to obtain necessary permits, equipment, services, material, water, electricity, fuel, access or easements, or by fire, flood, adverse weather conditions, war, sabotage, rebellion, insurrection, riot, strike or labor disputes, or by inability to obtain a satisfactory market for production or failure of purchasers or carriers to take or transport such production, or by any other cause not reasonably within Lessee's control, this lease shall not terminate because of such prevention or delay, and, at Lessee's option, the period of such prevention or delay shall be added to the term hereof. Lessee shall not be liable for breach of any provisions or implied covenants of this lease when drilling, production or other operations are so prevented or delayed.
- 12. Breach or Default. No litigation shall be initiated by Lessor for damages, forfeiture or cancellation with respect to any breach or default by Lessee hereunder, for a period of at least 90 days after Lessor has given Lessee written notice fully describing the breach or default, and then only if Lessee fails to remedy the breach or default within such period. In the event the matter is litigated and there is a final judicial determination that a breach or default has occurred, this lease shall not be forfeited or cancelled in whole or in part unless Lessee is given a reasonable time after said judicial determination to remedy the breach or default and Lessee fails to do so.
- 13. Warranty of Title. Lessor hereby warrants and agrees to defend title conveyed to Lessee hereunder, through and under Lessor but not otherwise, and agrees that Lessee at Lessee's option may pay and discharge any taxes, mortgages or liens existing, levied or assessed on or against the leased premises. If Lessee exercises such option, Lessee shall be subrogated to the rights of the party to whom payment is made, and, in addition to its other rights, may reimburse itself out of any royalties or shut-in royalties otherwise payable to Lessor hereunder. In the event Lessee is made aware of any claim inconsistent with Lessor's title, Lessee may suspend the payment of royalties and shut-in royalties hereunder, without interest, until Lessee has been furnished satisfactory evidence that such claim has been resolved.
- 14. Governmental Waiver. Lessor hereby agrees that, in the event Lessee deems it necessary to seek a variance waiver or other relief from any laws, rules, regulations, or orders (which for purposes of the paragraph shall include any ordinance) or other such authority exercised by (i) the City of Kennedale, including, but not limited to the well setback distance for gas drilling and production, or (ii) by any other governmental entity or authority having jurisdiction then Lessor shall engage in reasonable acts and execute and deliver such instruments and documents Lessee deems necessary or convenient in seeking such relief. In the event Lessee is required by such authority to acquire Lessor's consent as a

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prerequisite to obtain such variance, waiver or other relief. Lessor furthermore agrees not to execute documents or instruments or engage in acts that would diminish or adversely affect the relief Lessee is seeking.

- 15. Counter Offer. -N/A
- 16. Non-Surface. Lessee shall not conduct any surface operations upon any part of the surface of the lease premises. Lessee shall however have a <u>sub-surface</u> easement to horizontally drill under the surface of the lease premises. Notwithstanding anything contained herein to the contrary. Lessee shall have the right to conduct seismic operations, but only by virtue of the vibroscis-method. Lessee shall employ such measures as will be a supported to be a located to resigning the lease that the surface of the vibroscis-method and the surface of the surface of the vibroscis-method and the surface of the surface of the lease premises. reduce the impact upon, improvements, vegetation and game habitat on the lease premises. Lessee shall pay for all damages related to seismic operations. Other than seismic operations, by execution of this Lease, Lessee does not otherwise obtain the right to conduct exploration, excavation or drilling operations from or upon the surface of any portion of the lease premises.
- 17. Counter Parts. This Lease may be executed in any number of counterparts, no one of which needs to be executed by all Parties, or this Lease may be ratified by separate written instrument specifically referring hereto, and it shall be binding upon all Parties who executed a counterpart or ratification instrument with the same force and effect, with each separate counterpart or ratification instrument deemed to be one and same original Lease.
- 18. Addendum. An addendum is attached hereto and made a part hereof for all purposes,
- IN WITNESS WHEREOF, this lease is executed to be effective as of the date first written above, but upon execution shall be binding on the signatory and the signatory's heirs, devisees, executors, administrators, successors and assigns, whether or not this lease has been executed by all narties hereinabove named as Lessor.

LESSOR(S)

Ferrellgas L.P. by Ferrellgas, Inc., its General Partner

Jason P. Cullen

Director of Real Estate & Office Services

Ferfellgas, L.P., a Delaware limited partnership

ACKNOWLEDGEMENTS

STATE OF MISSOURI	}
COUNTY OF CLAY	}

This instrument was acknowledged before me on the 21 day of July, 2010, by Jason P. Cullen, on behalf of Ferrellgas, L.P., a Delaware limited partnership.

Notary Public

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LESSEE(S)		
BY: Carrizo Oil & Garrizo Oil &	as, Inc.	M43.
	ACK	NOWLEDGEMENTS
STATE OF	}	
COUNTY OF	}	
Andrew E.	nent was acknowledged	before me on the 23 day of AUGUST, 2010, by half of Carrizo Oil & Gas, Inc.
My C	NDI RENEE CRUSE commission Expires April 12, 2011	Notary Public

ADDENDUM

Attached hereto and made a part of that certain Oil, Gas & Mineral Lease dated 1/20, 2010, by and between FERRELLGAS, L.P., a Delaware limited partnership as Lessor(s) and CARRIZO OIL & GAS, INC., as Lessee.

- 19. It is agreed and understood by all parties that the following provisions of this Addendum shall supersede any provisions to the contrary in the printed lease to which this Addendum is attached.
- 20. This lease covers only oil, gas, sulfur and other associated hydrocarbons which can be produced out of and from the bore of well. Solid minerals, other than sulphur, such as iron, coal, sand, gravel, gold and clay are excluded from this lease.
- 21. Notwithstanding anything to the contrary in the printed lease or this Exhibit, this lease does not grant any drill site rights to Lessee and Lessee shall not have the right to conduct any operations on the surface of the leased premises, or possess any surface rights whatsoever. Nothing contained herein shall limit Lessee's right to drill under any portion of the leased premises.
- 22. Wherever the term One-Eighth (1/8th) appears in the Lease it shall be amended to read One-Fifth (1/5th).
- 23. The term "Hazardous Material" means and shall include (I) all elements or compounds that are contained in the list of hazardous substances adopted by the United States Environmental Protection Agency and the list of toxic pollutants designed by Congress or the Environmental Protection Agency or under any of the Hazardous Substance Laws as defined below; and (ii) any hazardous waste, hazardous substance, hazardous materials (including, but not limited to, petroleum and petroleum-related products, materials, and substances), toxic substance, regulated substance, pollutant or contaminant as defined under any Hazardous Substances Laws.

SIGNED FOR IDENTIFICATION:

Ferrellgas, L.P., a Delaware limited partnership by Ferrellgas, Inc., its General Partner

BY:

Jasøn P. Cullen

Director of Real Estate & Office Services

On behalf of Ferrellgas, L.P., a Delaware limited partnership

Carrizo Oil & Gas, Inc.

RV:

In behalf of Carriz

Oil & Gas, Inc.

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